I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Attorney Docket No.: 015358-007400US Client Reference No.: ID-RSV-263D

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

11/1/05

TOWNSEND and TOWNSEND and CREW LLP

.





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jonathan J. Hull et al.

Application No.: 10/001,891

Filed: November 19, 2001

For: PAPER-BASED INTERFACE FOR

MULTIMEDIA INFORMATION

STORED BY MULTIPLE MULTIMEDIA DOCUMENTS

Examiner: Manglesh M. Patel

Art Unit: 2178

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37

CFR §1.97 and §1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 11/09/2005 AKELECH1 00000063 201430 10001891 01 FC:1806 180.00 DA

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 1287 OG 163] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or

Jonathan J. Hull et al.

Application No.: 10/001,891

Page 2

are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance. Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

George B. F. Yee Reg. No. 37,478

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834

Tel: 650-326-2400 Fax: 650-326-2422

GBFY:crf

60626006 v1

| <b>新聞</b>  |                    |               | Applic                   | ation Number                      | 10/001,891  |
|--|--------------------|---------------|--------------------------|-----------------------------------|---|
| TRANS  | SMITTAL            |               | Filing                   |                                   | November 19, 2001   |
| <b>§</b> F(                                      | ORM                |               |                          | lamed Inventor                    | Hull  |
| (to be used for all corre                        | spondence after in | itial filing) | Group                    | Art Unit                          | 2178  |
| ·  |                    |               | Exami                    | ner Name                          | Patel, M. M.  |
| otal Number of Pages in This Submission 6        |                    | 6             | Attorne                  | ey Docket Number                  | 15358-007400US  |
|  | <del>.</del>       | FNCL          |                          | (check all that apply)            |   |
| Fee Transmittal For                              | m                  | Assign        | ment Pap                 | ers                               | After Allowance Communica<br>Group  |
| Fee Attached                                     |                    | ☐ Drawin      | •                        |                                   | Appeal Communication to Bo<br>Appeals and Interferences                         |
| Amendment / Resp                                 | onse               | Licens        | ing-relate               | d Papers                          | Appeal Communication to G (Appeal Notice, Brief, Reply Brief                    |
| After Final                                      |                    |               |                          | Slip (PTO/SB/69)<br>ing Petition  | Proprietary Information   |
| Affidavits/declar                                | ration(s)          |               | n to Convi<br>ional Appl |                                   | Status Letter   |
| Extension of Time F                              | Request            |               |                          | ey, Revocation espondence Address | Other Enclosure(s) (please identify below):                                     |
|  |                    | Termin        | al Disclai               | mer                               | , ,   |
| Express Abandonm                                 | ent Request        | Reque         | st for Ref               | und                               | Return Receipt Postcard     Fee Transmittal form - PTO/S                        |
| ☐ Information Disclose with SB08A and SB08B      |                    | CD, N         | umber of (               | CD(s)                             | 3. Eleven (11) references   |
| Certified Copy of Pr<br>Document(s)              | riority            | Rema          | rks                      | Deposit Account 20-1              | authorized to charge any additiona<br>430.<br>es does not include cited referer |
| Response to Missin                               |                    |               |                          |                                   | <del></del>   |
| Response to Mi<br>Parts under 37<br>1.52 or 1.53 | - 1                |               |                          |                                   |   |
|  | SIGNA              | TURE OF       | APPLICA                  | ANT, ATTORNEY, C                  | R AGENT   |
|  | Townsend and Tov   | vnsend and    | Crew LLF                 | ·                                 |   |
| and<br>Individual name                           | George B. F. Yee   |               |                          | Reg No                            | . 37,478  |
| Signature  | Leye               | 68F           | Z                        |                                   |   |
| Date   | November 7, 2005   | <b>v</b>      |                          | -                                 |   |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60626207 v1

November 7, 2005

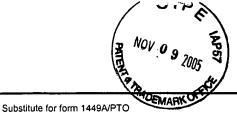
Date

Christopher R. Fitting

Signature

Typed or printed name

| HON                                     | <u> </u>                              |                           | <del></del>            |                                    |            |                |                      |             |                           |
|---|---------------------------------------|---------------------------|------------------------|------------------------------------|------------|----------------|----------------------|-------------|---------------------------|
| Fees pursennt to the                    | Effect on 12/0                        | 8/2004.<br>priations Ac   | t. 2005 (H.R. 4818).   |                                    | 1          | Com            | plete if             | Known       |                           |
|   | RANS                                  |                           |                        | Application Nu                     | mber       | 10/0           | 01,891               |             |                           |
|   | RAN                                   | DIVII                     | IIAL                   | Filing Date                        |            | Nov            | ember                | 19, 2001    |                           |
|   | First Named In                        | ventor                    | Hull                   |                                    |            |                |                      |             |                           |
| Applicant claims                        | s small entity stat                   | us. See 3                 | 7 CFR 1.27             | Examiner Nam                       | ie         |                | I, M. M              | <u> </u>    |                           |
|   |                                       |                           | <del></del>            | Art Unit                           |            | 2178           | 3                    |             | <del></del>               |
| TOTAL AMOUNT                            | OF PAYMENT                            | (\$) 180.0                | 00<br>                 | Attorney Docke                     | et No.     | 0153           | 358-00               | 7400US      |                           |
| METHOD OF PA                            | YMENT (check                          | all that a                | pply)                  |                                    |            |                | <u> </u>             |             |                           |
| Check (                                 | Credit Card _                         | ] Money                   | Order Non              | e 🔲 Other (                        | please ide | ntify):        |                      |             |                           |
| Deposit Acco                            | ount Deposit Ac                       | count Num                 | ber: 20-1430           | Deposit Acc                        | ount Nam   | ne: <u>Tov</u> | vnsend a             | and Townse  | end and Crew LLP          |
| For the ab                              | ove-identified de                     | posit accoι               | ınt, the Director is h | ereby authorized                   | d to: (che | ck all         | that app             | ly)         |                           |
| Char                                    | ge fee(s) indicate                    | d below                   |                        | Cha                                | arge fee(s | s) indic       | cated be             | low, excep  | t for the filing fee      |
| Charg                                   | ge any additional<br>r 37 CFR 1.16 an | fee(s) or u               | nderpayments of fe     | e(s) 🖾 Cre                         | dit any o  | vemav          | ments                |             |                           |
| WARNING: Information                    | on on this form ma                    | y become p                | ublic. Credit card inf |                                    |            |                |                      | rm. Provide | credit card               |
| information and auth                    |                                       | 038                       |                        |                                    |            |                |                      |             |                           |
| 1. BASIC FILING                         |                                       | UD EYAM                   | INATION EEES           |                                    | · · ·      |                |                      | •           |                           |
| I. BASIC FIEIRC                         |                                       | ING FEE                   |                        | ARCH FEES                          | EX         | AMIN           | IATION               | FEES        |                           |
| Application Ty                          | ne Fee                                | Small Ent<br>(\$) Fee (\$ |                        | Small Entity (\$) Fee (\$)         | F          |                | mall Ent<br>Fee (\$) |             | Fees Paid (\$)            |
| Utility                                 | 300                                   |                           | 500                    |                                    | · <u> </u> | 200            | 100                  | •           |                           |
| Design                                  | 200                                   |                           | 100                    |                                    |            | 130            | 65                   |             |                           |
| Plant                                   | 200                                   |                           | 300                    | •                                  |            | 160            | 80                   |             |                           |
| Reissue                                 | 300                                   |                           | 500                    |                                    |            | 600            | 300                  |             |                           |
| Provisional                             | 200                                   |                           |                        | 0 0                                |            | 0              | 0                    |             | `                         |
| 2. EXCESS CLA                           |                                       |                           |                        |                                    |            |                |                      |             | Small Entity              |
| Fee Description                         |                                       |                           |                        |                                    |            |                |                      |             | Fee (\$) Fee (\$)         |
| Each claim over :<br>Each independen    |                                       |                           |                        |                                    |            |                |                      | rinal nate  | 50 25<br>nt 200 100       |
| Multiple depende                        |                                       | or, for Ke                | issues, each inde      | pendent ciann                      | more ui    | an m           | uie ori              | giliai pate | 360 180                   |
| Total Claims                            | Extra C                               | laims                     | Fee (\$) Fe            | ee Paid (\$)                       | M          | ultiple        | Depen                | dent Claim  | <u>s</u>                  |
|   | 0 or HP =                             | X                         | \$ =                   | \$0                                |            | Fee (\$        | <u>5)</u>            | Fee Paid    | <u>(\$)</u>               |
| HP = highest number of<br>Indep. Claims | Extra C                               |                           |                        | e Paid (\$)                        | _          |                | _                    |             | _                         |
|   | 3 or HP =                             | × .                       | <u> </u>               | \$0                                |            |                |                      |             |                           |
| HP = highest number of 3. APPLICATION   | •                                     | is paid for, if           | greater than 3         |                                    |            |                |                      |             |                           |
|   |                                       | s exceed                  | 100 sheets of pa       | per, the applica                   | ation siz  | ze fee         | due is               | \$250 (\$12 | 5 for small entity)       |
|   |                                       |                           | ion thereof. See       | 35 U.S.C. 41(a                     | a)(1)(G)   | and 3          | 37 CFR               | 1.16(s).    |                           |
| <u>Total Sheets</u>                     |                                       | Sheets                    |                        | ach additional                     |            |                |                      |             | <u>Fee Paid (\$)</u><br>= |
|   | - 100 =                               | / 5                       | i0 =                   | _ (round <b>up</b> to a            | whole h    | umber          | ) × .                |             |                           |
| 4. OTHER FEE(S                          | •                                     |                           |                        |                                    |            |                |                      |             | Fees Paid (\$)            |
| Non-English                             | Specification,                        | \$130 f                   | fee (no small enti     | ty discount)                       |            |                |                      |             | <del></del>               |
| Other: Info                             | rmation Disclo                        | sure State                | ment (after offic      | e action)                          |            |                |                      |             | 180.00                    |
| SUBMITTED BY                            |                                       |                           |                        |                                    |            |                |                      |             |                           |
| Signature                               | Mur                                   | -64                       | gr                     | Registration No<br>(Attorney/Agent |            | 8              | Т                    | elephone    | (650) 326-2400            |
| Name (Print/Type)                       | George B. F. Ye                       | e                         |                        |                                    |            |                | D                    | ate Nov     | ember <b>7</b> , 2005     |



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

|       |   |  |    |   | - |
|-------|---|--|----|---|---|
| Sheet | 1 |  | of | 2 |   |

|                        | Complete if Known |
|------------------------|-------------------|
| Application Number     | 10/001,891        |
| Filing Date            | November 19, 2001 |
| First Named Inventor   | Hull, Jonathan J. |
| Art Unit               | 2178              |
| Examiner Name          | Manglesh M. Patel |
| Attorney Docket Number | 015358-007400US   |

|                       |                          | Document Number                          | U.S. PATENT DO                 |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       | AA                       | US-6,518,986                             | 02-11-2003                     | Mugura   |   |
|                       | AB                       | US-6,421,067                             | 07-16-2002                     | Kamen et al.                                       |   |
|                       | AC                       | US-6,160,633                             | 12-12-2000                     | Mori   |   |
|                       | AD                       | US-6,151,059                             | 11-21-2000                     | Schein et al.                                      |   |
|                       | AE                       | US-6,005,562                             | 12-21-1999                     | Shiga et al.                                       |   |
|                       | AF                       | US-5,895,476                             | 04-20-1999                     | Orr et al.   |   |
| _                     | AG                       | US-5,809,318                             | 09-15-1998                     | Rivette et al.                                     |   |
|                       | AH                       | US-5,485,554                             | 01-16-1996                     | Lowitz et al.                                      |   |
|                       | ΑI                       | US-2001/0013041                          | 08-09-2001                     | Beck et al.  |   |
|                       |                          |  |                                |  |   |
| _                     |                          |  |                                |  |   |
|                       |                          |  |                                |  |   |
|                       |                          |  |                                |  |   |
|                       |                          |  |                                |  |   |
|                       |                          |  |                                |  |   |
|                       |                          |  |                                |  |   |
|                       |                          |  |                                |  |   |

|               | FOREIGN PATENT DOCUMENTS |                           |         |                                   |                                |                                |  |                |
|---------------|--------------------------|---------------------------|---------|-----------------------------------|--------------------------------|--------------------------------|--|----------------|
| Examiner Cite | Cito                     | Foreign Patent Document   |         |                                   |                                | Name of Patentee or            | Pages, Columns, Lines,<br>Where Relevant |                |
| Initials*     | No.1                     | Country Code <sup>3</sup> | Number⁴ | Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Applicant of Cited<br>Document | Passages or Relevant<br>Figures Appear   | T <sup>6</sup> |
|               |                          |                           |         | •                                 |                                |                                |  |                |
|               |                          |                           |         |                                   |                                |                                |  |                |
|               |                          |                           |         | ·                                 |                                |                                |  |                |
|               |                          |                           |         |                                   |                                |                                |  |                |
|               |                          |                           |         |                                   |                                |                                |  |                |
|               |                          |                           |         |                                   |                                |                                |  |                |
|               |                          |                           |         |                                   |                                |                                |  |                |
|               |                          |                           |         |                                   |                                |                                |  |                |

|                       | <br>               |  |
|-----------------------|--------------------|--|
| Examiner<br>Signature | Date<br>Considered |  |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 

Applicant's unique citation designation number (optional). 

Kind Codes of U.S. Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 

Applicant is to place a check mark here if English language Translation is attached. 

60626006 v1



Substitute for form 1449B/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

|                        | Complete if Known |  |
|------------------------|-------------------|--|
| Application Number     | 10/001,891        |  |
| Filing Date            | November 19, 2001 |  |
| First Named Inventor   | Hull, Jonathan J. |  |
| Art Unit               | 2178              |  |
| Examiner Name          | Manglesh M. Patel |  |
| Attorney Docket Number | 015358-007400US   |  |

|                     |              | NON PATENT LITERATURE DOCUMENTS   |     |
|---------------------|--------------|---|-----|
| Examiner Initials * | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T 2 |
|                     | AJ           | "About Telus investors glossary," pages 1-7 downloaded from http://about.telus.com/investors/glossary.html on 4/14/05.  |     |
|                     | AK           | CHOI et al., "An Integrated Data Model and a Query Language for Content-Based Retrieval of Video," MIS '98 LNCS 1508, Springer Verlag Berlin Heidelberg, pages 192-198 (1998).  |     |
| -                   | AL           | "Computer Terms," pages 1-8 downloaded from http://www.park-meadow.org/computer_terms.htm on 4/14/05.   |     |
|                     | AM           | "Glossary for computer hardware and micro scope," pages 1-11 downloaded from http://www.mumbaicyber.com/glossary_com_hardware_micro.asp on 4/14/05.   |     |
|                     | AN ,         | "Glossary: What Does It Mean?," pages 1-3 downloaded from http://www.fairfield.k12.ct.us/fairfieldhs/cfairfieldhs03/glossary.htm on 4/14/05.  |     |
|                     | AO           | "IT&T Talk", pages 1-4 dopwnloaded from http://www.iib.qld.gov.au/itcareers/talk.asp on 4/14/05.  |     |
|                     | AP           | "Multimedia" pages 1-2 downloaded from http://en.wikipedia.org/wiki/Multimedia on 4/14/05.  |     |
|                     | AQ           | OHMORI, Y., "A Tool for Programmable Access to Organized Multimedia Data - Enhanced MultiMedia Recorder (EMMR)," Joho Shori Gakkai Kenkyu Hokoku, 98(35[HI-78]):39-44 (1998).   |     |
|                     | AR           | PHILLIPS, R. L., "MediaView: A General Multimedia Digital Publication System," Communications of the ACM, 34(7):75-83 (1991).   |     |
|                     | AS           | ROSCHELLE et al., "VideoNoter: A productivity too for video data analysis," Behavior Research Methods, Instruments & Computers, 23(2):219-224 (1991).   |     |
|                     | АТ           | SAUR et al., "Automated Analysis and Annotation of Basketball Video," SPIE, 3022:176-187 (1997).  |     |

| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.